



AVISCERA BIOSCIENCE

Human Basic Fibroblast Growth Factor (bFGF) Recombinant

Product Information

Code	00828-01-100
Name	bFGF/FGF2 (Human), rec.
Lot No.	
Size	100 µg
Species	Human
Sequence	Mature form
Protein ID	NP_001997.5
Gene ID	NM_002006.4
MW	17 KDa (SDS-PAGE)
Bioactivity	ED ₅₀ : 0.02-0.1 ng/mL
Source	E. Coli
Endotoxin	<0.1 EU/µg Protein
Purity	>95% in SDS-PAGE gel
Formulation	PBS lyophilized Form without preservatives
Carry	0.1% BSA
Storage	-20 °C ~ -70° C
Reconstitution	100 µl
Application	Cell Biology

Alternative name(s):

Fibroblast Growth Factor 2 (FGF2)

Description

A DNA sequence encoding the mature human bFGF/ FGF2 (Pro¹⁴³-Ser²⁸⁸) with Met on the N-Terminus was expressed in *E. Coli*.

Formulation

Lyophilized 100 µg human bFGF/ FGF2 in 100 µl PBS, pH7.4 contains 0.1% BSA.

Bioactivity

ED50 for a cell proliferation assay is 0.02-0.1 ng/mL.

Endotoxin

<0.1 EU per 1 µg of the protein by the LAL method.

Reconstitution & Storage

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% BSA. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 12 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: mature form human bFGF/FGF2

ORDER INFORMATION
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